



IPW -

App. No. 10/650,263
Amdt. Dated February 8, 2005
Reply to Office Action of December 12, 2004
Atty. Dkt. No. 9278-100 (formerly 9129-111)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Baudenbacher, et al.

Title: SUPERCONDUCTING QUANTUM
INTERFERENCE APPARATUS AND
METHOD FOR HIGH RESOLUTION
IMAGING OF SAMPLES

Appl. No.: 10/650,263

Filing Date: August 27, 2003

Examiner: Kenneth J. Whittington

Art Unit: 2862

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|---|
| <p>CERTIFICATE OF FIRST CLASS MAILING</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service, as First Class Mail on the date indicated below and is addressed to: Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450.</p> <p><u>3/8/2005</u> Date of Deposit</p> <p>Bernard L. Kleinke (Printed Name)</p> <p><u>Bernard L. Kleinke</u> (Signature)</p> |
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AMENDMENT TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Transmitted herewith is an Amendment and Information Disclosure Statement in the above-identified application.

[X] Small Entity status under 37 C.F.R. § 1.9 and § 1.27 has been established.

[X] The fee required for additional claims is calculated below:

| | Claims as Amended | Previously Paid For | | Extra Claims Present | Rate | | Additional Claims Fee |
|--|--|------------------------|---|----------------------------|----------------------|----------|--------------------------|
| Total Claims: | 39 | 21 | = | 18 | x | \$ 50.00 | = \$900.00 |
| Independents: | 4 | 3 | = | 1 | x | \$200.00 | = \$200.00 |
| First presentation of any Multiple Dependent Claims: | | | + | | \$360.00 | = | \$0.00 |
| | | | | | CLAIMS FEE SUBTOTAL: | = | \$1,100.00 |
| <input checked="" type="checkbox"/> | Small Entity Fees Apply (subtract ½ of above): | | | | | | = \$550.00 |
| | | | | | CLAIMS FEE TOTAL: | = | \$550.00 |
| Information Disclosure Statement | | | | | | | \$180.00 |
| | | | | | TOTAL FEES | | \$730.00 |

- [X] A Credit Card Payment Form in the amount of **\$730.00** is enclosed.
- [X] The Commissioner is hereby authorized to charge any additional fees which may be required either now or in the future regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to the Deposit Account No. 502635 of DUCKOR SPRADLING METZGER & WYNNE. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to the Deposit Account No. 502635 of DUCKOR SPRADLING METZGER & WYNNE. If any charges or fees must be paid in connection with the foregoing, concurrent or future communication (including, but not limited to, the payment of an extension fee or issue fees), or if any overpayment is to be refunded in connection with the above-identified application, any such charges or fees, or any such overpayment may be respectfully paid out of, or into, the Deposit Account No. 502635 of DUCKOR SPRADLING METZGER & WYNNE. If any such payment also requires a petition or extension request, please construe this authorization to pay as the necessary petition or request, which is required to accompany the payment.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date: March 8, 2005

DUCKOR SPRADLING METZGER & WYNNE
A Law Corporation
401 West A Street, Suite 2400
San Diego, CA 92101-7915

Telephone No.: (619) 231-3666
Facsimile No.: (619) 231-6629
Email: kleinke@dsmwlaw.com

By: 

Bernard L. Kleinke
Attorney for Applicant
Registration No. 22,123



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| Date of Deposit: March 8, 2005 | |
| I hereby certify that this correspondence is being transmitted by first-class mail on the date indicated above to the Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450. | |
| <u>3/8/2005</u> | |
| Bernard L. Kleinke (Printed Name) | |
| <u>Bernard L. Kleinke</u> (Signature) | |

REPLY AND AMENDMENT

Commissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action of December 8, 2004, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 6 of this paper.

Amendment to the Drawings begin on page 13 of this paper and in an attachment to this paper.

Amendments to the Abstract begin on page 14 of this paper.

Remarks/Arguments begin on page 15 of this paper.